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NOTICE OF ALLOWANCE AND FEE(S) DUE

29683

7590

01/06/2011

HARRINGTON & SMITH
4 RESEARCH DRIVE, Suite 202
SHELTON, CT 06484-6212

EXAMINER

CAMPBELL, KELLIE L

ART UNIT

PAPER NUMBER

3691

DATE MAILED: 01/06/2011

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/870,277

05/30/2001

Carsten Thormod Pedersen

800.0322.U1(US)

7410

TITLE OF INVENTION: DEPOSITING METHOD AND ARRANGEMENT

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	04/06/2011

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

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B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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29683 7590 01/06/2011

**HARRINGTON & SMITH
4 RESEARCH DRIVE, Suite 202
SHELTON, CT 06484-6212**

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE-FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/870,277 05/30/2001 Carsten Thornd Pedersen 800.0322.U1(US) 7410

TITLE OF INVENTION: DEPOSITING METHOD AND ARRANGEMENT

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	04/06/2011

EXAMINER	ART UNIT	CLASS-SUBCLASS
CAMPBELL, KELLIE L	3691	705-039000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/147; Rev 03-02 or more recent) attached. Use of a **Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____
- 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.111. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY AND STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
- ☐ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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SHELTON, CT 06484-6212

EXAMINER

CAMPBELL, KELLIE L.

ART UNIT

PAPER NUMBER

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DATE MAILED: 01/06/2011

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 326 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 326 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of Allowability**Application No.**

09/870,277

Applicant(s)

PEDERSEN ET AL.

Examiner

KELLIE CAMPBELL

Art Unit

3691

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Pre-Appeal Request Received November 23, 2009.
2. ☒ The allowed claim(s) is/are 1-40.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

/Alexander Kalinowski/
Supervisory Patent Examiner, Art Unit 3691

DETAILED ACTION

1. Amendment after final filed November 23, 2009 has been fully considered. Claims 2-9, 11-14, 17, and 20 are currently pending.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with attorney Harry Smith on March 26, 2010. The application has been amended as follows:

AMENDMENTS TO THE CLAIMS:

2. This listing of the claims will replace all prior versions, and listings, of the claims in this application.

3. **IN THE CLAIMS**

1. (Cancelled).

2. (Currently Amended) A computer-implemented method comprising:

[[for]] calculating a subscriber's account balance in a telecommunications system where at least two different types of vouchers having with the same type of a credit value can be used for making are usable to make deposits in [[the]] a subscriber's account, which vouchers may be bought at least some of the vouchers being purchasable, the types of the vouchers differing from each other at least to an extent that a certain amount of calling time has different prices in different types of the vouchers, where calculating comprises, the method comprising:

defining, to a memory, at least two different ways of updating the account balance for the same type of a credit value, wherein a first way to update comprises calculating, by a processor coupled to the memory, the account balance by adding a credit value of a new voucher to the credit value in the account, and wherein a second way to update comprises calculating the account balance by setting the account balance to be the credit value of the new voucher;

maintaining information in a database separate from account balance information, said information indicating the type of a last used voucher of the subscriber;

receiving a deposit identifying a new voucher which the subscriber is [[going]] to use to update his/her the subscriber's credit;

determining, by the processor, the type of the new voucher;

determining, by the processor, the type of the last used voucher of the subscriber;

comparing, by the processor, the type of the new voucher with the type of the last used voucher of the subscriber; and

responsive to said vouchers being of the same type, using the processor to calculate the first way to update the account balance in accordance with the first way; and

otherwise, when said vouchers are of a different type of vouchers having but have the same type of [[a]] credit value, using the processor to calculate the second way to update the account balance in accordance with the second way.

3. (Currently Amended) A computer-implemented method, comprising:

[[for]] calculating a subscriber's account balance in a telecommunications system where at least two different types of vouchers having the same type of a credit value can be used for making are usable to make deposits in [[the]] a subscriber's account, which vouchers may be bought at least some of the vouchers being purchasable, the types of the vouchers differing from each other at least [[so]] to an extent that a certain amount of [[a]] calling time has different prices in different types of the vouchers; where calculating comprises, the method comprising:

defining, to a memory, at least two different ways of updating the account balance for the same type of a credit value, wherein the first way to update comprises calculating, by a processor coupled to the memory, the account balance by adding a value of a new voucher to the credit value in the account, and [[the]] wherein a second way to update comprises determining a factor, other than one, multiplying the credit value in the account with the factor, adding the result of said multiplication to the credit

value of the new voucher, and setting the account balance to be the result of said addition;

maintaining information in a database separate from account balance information, said information indicating the type of a last used voucher of the subscriber;

receiving a deposit identifying a new voucher which the subscriber is [[going]] to use to update his/her the subscriber's credit;

determining, by the processor, the type of the new voucher;

determining, by the processor, the type of the last used voucher of the subscriber;

comparing, by the processor, the type of the new voucher with the type of the last used voucher of the subscriber; and

if said vouchers are of the same type, using the processor to calculate the first way to update the account balance in accordance with the first way; and~~[[.]]~~

if said vouchers are of a different type, of vouchers having but have the same type of [[a]] credit value, using the processor to calculate the second way to update the account balance in accordance with the second way.

4. (Currently Amended) The method of claim 3, wherein said factor is determined by the processor on the basis of the [[types]] type of the last used voucher and the type of the new voucher.

5. (Currently Amended) The method of claim 3 further comprising: asking the subscriber for [[a]] permission to update the [[credit]] account balance, if the vouchers are of a different type having the same type of a credit value; and

updating, by the processor, the [[credit]] account balance only if the permission is received from the sub scriber.

6. (Currently Amended) The method of claim 3 wherein the types of the vouchers are determined on the basis of [[their]] a voucher identification numbers number.

7. (Previously Presented) The method of claim 2, wherein the telecommunications system is a mobile telecommunications system.

8. (Currently Amended) A telecommunications system in which a subscriber can pre-pay for [[the]] subscriber's calls by making deposits in [[the]] a subscriber's account using at least two different types of vouchers having the same type of a credit value, wherein said vouchers may be bought at least some of the vouchers are purchasable, the types of the vouchers differing from each other at least [[so]] to an extent that a certain amount of [[a]] calling time has different prices in different types of the vouchers, the telecommunications system comprising:

a database configured to contain voucher-specific information and subscriber-specific information; and

a network element connectable to the database and comprising a memory, a processor, and an interface for user interaction, the network element being configured to:

obtain, from the database, and in response to the subscriber making a deposit, voucher-specific information and ~~the~~ subscriber's subscriber-specific information;
determine, by using the obtained information, a type of a last used voucher of the subscriber and the type of a new voucher which the subscriber is going to use to update the subscriber's account balance;

compare the type of the last used voucher with the type of the new voucher;

apply a first method stored in the memory and executed by the processor to update the account balance in a first way if the last used voucher and the new voucher are the same type, wherein the first way comprises calculating the account balance by adding a credit value of a new voucher to the credit in the account;

detect a change of voucher if the last used voucher and the new voucher are of different type of vouchers having the same type of credit value; and

in response to said detection, update the account balance in a second way different from the first way, wherein the second way comprises calculating the account balance by setting the account balance to be the credit value of the new voucher.

9. (Currently Amended) The telecommunications system of claim 8, wherein the network element is further configured, in response to said detection, to ask the subscriber for [[a]] permission to update the account balance and to update the account balance only in response to the permission.

10. (Cancelled).

11. (Previously presented) The telecommunications system of claim 9, wherein the network element is an Intelligent Peripheral of an Intelligent Network, said Intelligent Peripheral comprising an Interactive Voice Response service through which the account balances are updated.

12. (Currently Amended) A network element for a telecommunications system where a subscriber of the system can pre-pay for [[the]] subscriber's calls by making deposits in [[the]] a subscriber's account using at least two different types of vouchers having the same type of a credit value, which vouchers may be bought, where at least some of the vouchers are purchasable, the types of the vouchers differing from each other at least [[so]] to an extent that a certain amount of [[a]] calling time has different prices in different types of the vouchers, the network element comprising:

a memory in which the account balance, and information indicating, subscriber-specifically, a type of a voucher last used by the subscriber are maintained, said

information relating to the type of voucher last used being maintained separate from the account balance;

a processor coupled to the memory and configured to:

determine the type of a voucher last used by the subscriber;

determine the type of the new voucher which the subscriber is going to use to update the subscriber's account balance;

compare the type of the voucher last used by the subscriber with the type of the new voucher, and

calculate the account balance by adding a credit value of a new voucher to the credit in the account if said vouchers are of the same type, and

calculate the account balance by setting the account balance to be the credit value of the new voucher if said vouchers are of a different type of vouchers having the same type of a credit value.

13. (Currently Amended) The network element of claim 12, further comprising an

interface for user interaction coupled to the processor, wherein the processor is further configured to ask the subscriber, via the interface, for [[a]] permission to update the account balance in response to said vouchers being of a different type, and to update the account balance only in response to [[a]] permission received from the subscriber.

14. (Previously presented) A network element for a telecommunications system where a subscriber of the system can pre-pay for subscriber's calls by making deposits in [[the]] a subscriber's account using at least two different types of vouchers having the same type of a credit value, which vouchers may be bought where at least some of the vouchers are purchasable, the types of the vouchers differing from each other at least [[so]] to an extent that a certain amount of [[a]] calling time has different prices in different types of the vouchers, the network element comprising:

access to a memory, where the account balance and information indicating subscriber-specifically a type of a voucher last used by the subscriber are maintained, said information relating to the type of voucher last used being maintained separate from the account balance;

a processor coupled to the memory and configured to:

determine the type of the voucher last used by the subscriber;

determine the type of a new voucher which the subscriber is going to use to update the subscriber's account balance;

compare the type of the voucher last used by the subscriber with the type of the new voucher;

calculate the account balance by adding a credit value of a new voucher to the credit account balance in the account if said vouchers are of the same type; and

calculate the account balance by determining a factor, other than one, by multiplying the subscriber's current account balance with said factor, by adding the result of said multiplication to the credit value of the second voucher, and by setting the account balance to be the result of said addition if said vouchers are of a different type of vouchers having the same type of a credit value.

Claims 15-16: (Cancelled).

17. (Currently Amended) The network element of claim 14, wherein the network element further comprises an interface via which the processor is further configured to ask the subscriber for [[a]] permission to update the account balance in response to said vouchers being of a different type, and the processor is configured to update the account balance only in response to [[a]] permission received from the subscriber.

Claims 18-19: (Cancelled).

20. (Previously presented) A telecommunications system in which a subscriber pre-pays for subscriber's calls by making deposits in a subscriber's account using at least two different types of vouchers having the same type of a credit value and in which vouchers may be bought where at least some of the vouchers are purchasable, the types of the vouchers differing from each other at least [[so]] to an extent that a certain amount of [[a]] calling time has different prices in different types of the vouchers, the telecommunications system comprising:

a database configured to contain voucher-specific information and subscriber-specific information; and

a network element coupled to the database and comprising a memory, a processor, and an interface for user interaction, the network element being configured to:

obtain, in response to the subscriber making a deposit, from the database, voucher-specific information and the subscriber's subscriber-specific information; determine, by using the obtained information, a type of a last used voucher of the subscriber and the type of a new voucher which the subscriber is going to use to update the subscriber's account balance; compare the type of the lased used voucher with the type of the new voucher; apply a first method to update the account balance if the last used voucher and the new voucher are of the same type, the first method comprising calculating the

account balance by adding a credit value of a new voucher to the credit value in the account; detect a change of voucher if the last used voucher and the new voucher are of different type of vouchers having the same type of a credit value; and in response to said detection, to apply a second method to update the account balance, the second method comprising determining a factor, other than one, multiplying the credit in the account with the factor, adding the result of said multiplication to the credit value of the new voucher, and setting the account balance to be the result of said addition.

21. (Previously presented) The network element of claim 12, wherein the network element is an Intelligent Peripheral of an Intelligent Network, said Intelligent Peripheral comprising an Interactive Voice Response service through which the account balances are updated.

22. (Currently amended) The network element of claim 13, comprising an Intelligent Peripheral of an Intelligent Network, said Intelligent Peripheral comprising an Interactive Voice Response service through which the account balances are updated.

Allowable Subject Matter

Claims 2-9, 11-14, 17 and 20 as listed in the Examiner's amendment are allowed.

The following is a statement of reasons for the indication of allowable subject matter:

1. Applicant's reasons for Allowance in the Pre-Appeal Request Brief dated November 23, 2009, pages 2-5.

2. No prior art of record teaches the missing claim limitations cited above. Furthermore, no prior art of record may be reasonably combined with any other reference to teach each and every claim limitation.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kellie Campbell whose telephone number is 571-270-54-95. The examiner can normally be reached on M-Th, 9:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Alexander Kalinowski can be reached on 571-272-6771. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

K.C.